

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102919\
 Data File : VY000469.D
 Acq On : 29 Oct 2019 13:10
 Operator : SY/MD
 Sample : K5587-04
 Misc : 6.46G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 07:18:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

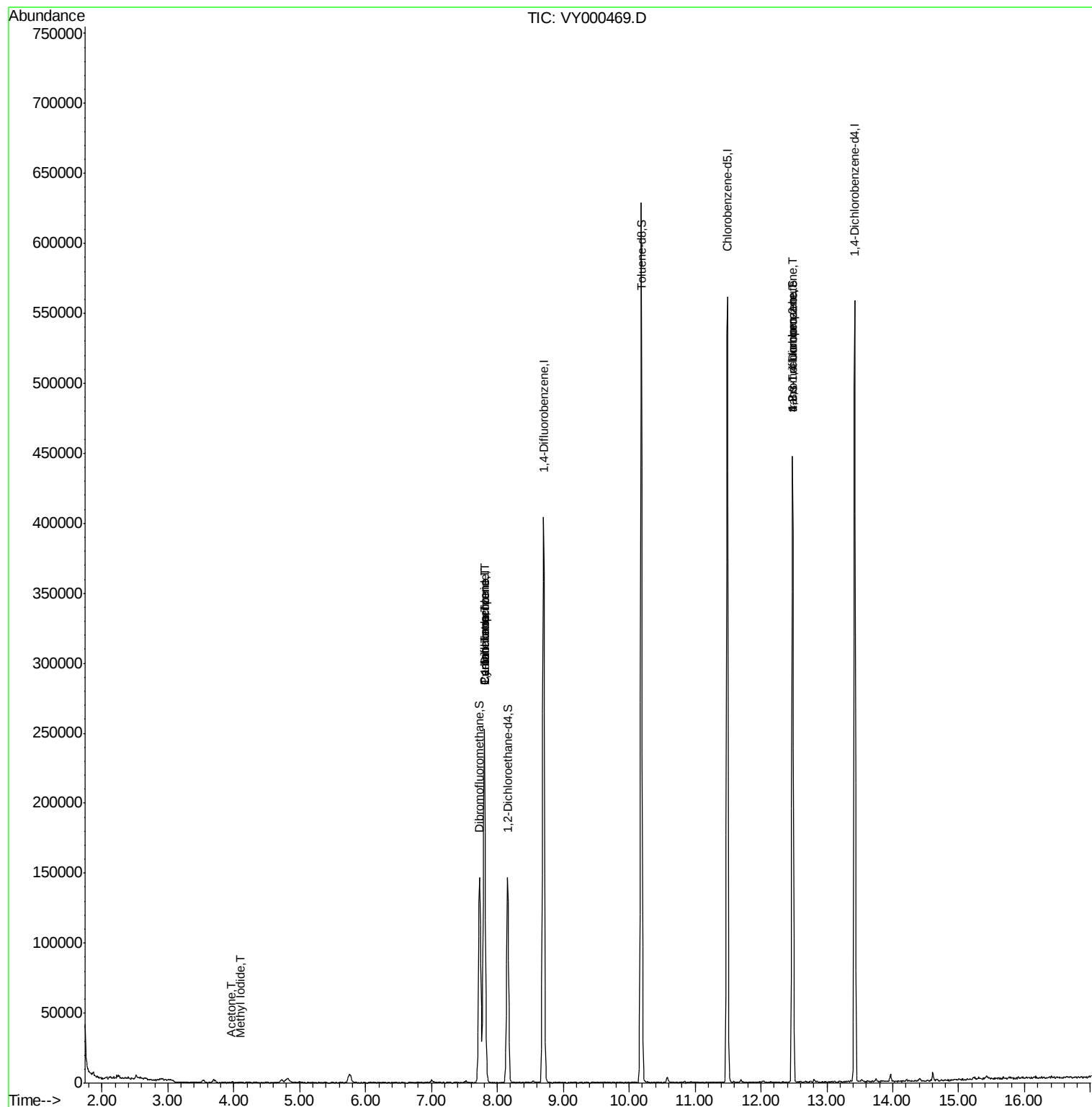
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	198602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	346121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	307322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	130438	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	114747	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	7.73	113	103758	49.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.40%	
50) Toluene-d8	10.18	98	401629	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.48	95	129211	42.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.70%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.91	85	57	Below Cal	#	41
10) Methyl Iodide	4.10	142	146	1.235	ug/l #	41
16) Acetone	3.96	43	780	1.150	ug/l #	42
20) Methylene Chloride	4.72	84	979	Below Cal	#	64
31) Cyclohexane	7.81	56	4815	1.201	ug/l #	14
36) 1,1-Dichloropropene	7.80	75	14797	4.367	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20142	6.139	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	69318	43.217	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	69318	94.558	ug/l #	14

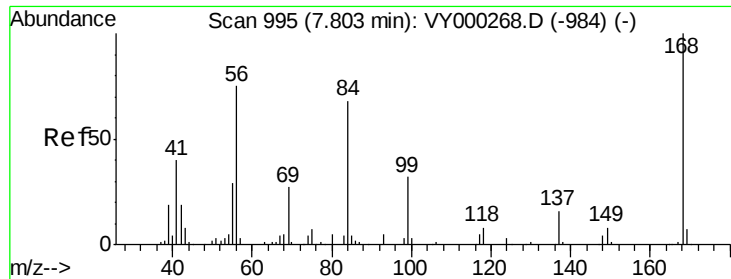
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000469.D

Acq: 29 Oct 2019 13:10

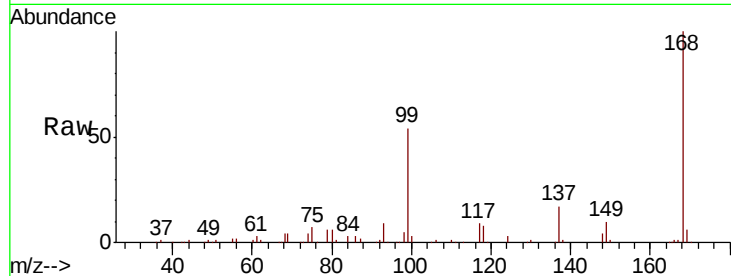
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 198602

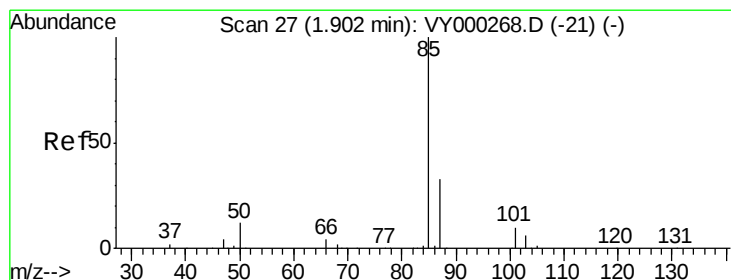
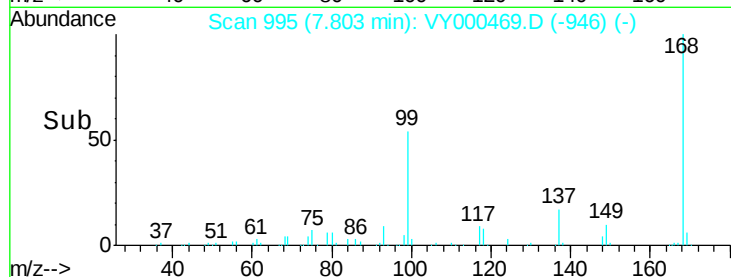
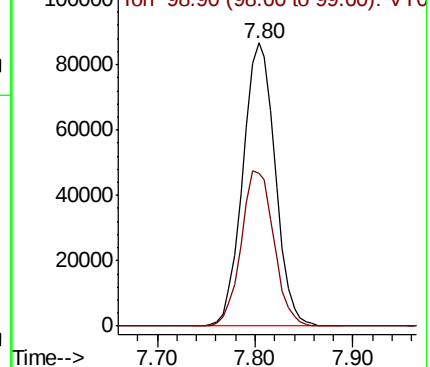
Ion Ratio Lower Upper

168 100

99 54.0 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000469.D (-946) (-)



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY000469.D

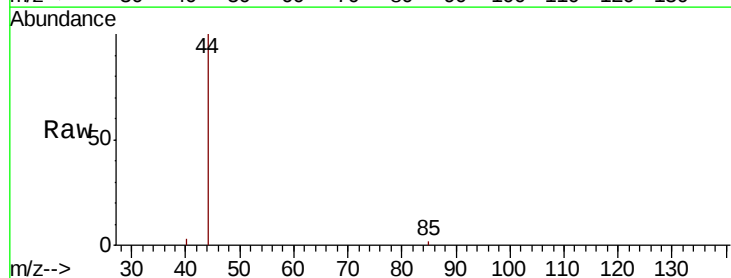
Acq: 29 Oct 2019 13:10

Tgt Ion: 85 Resp: 57

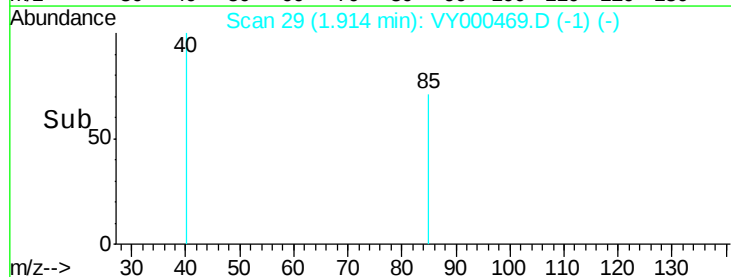
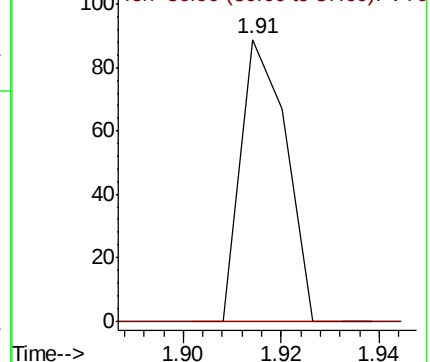
Ion Ratio Lower Upper

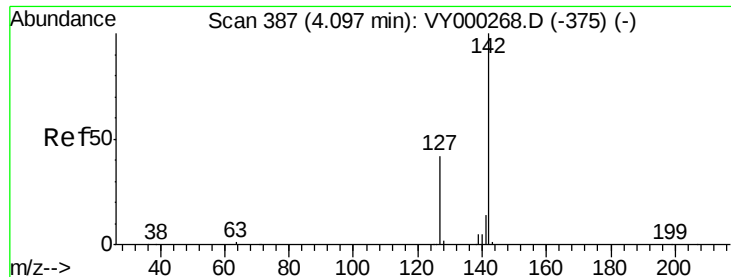
85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000469.D (-1) (-)

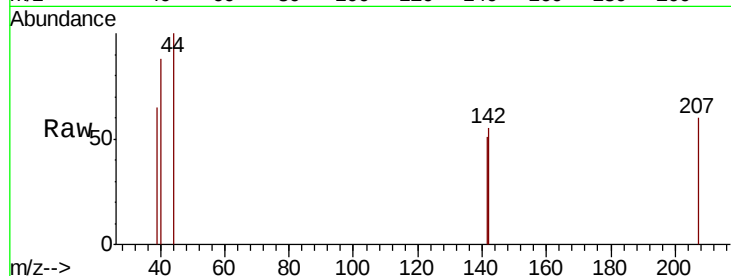




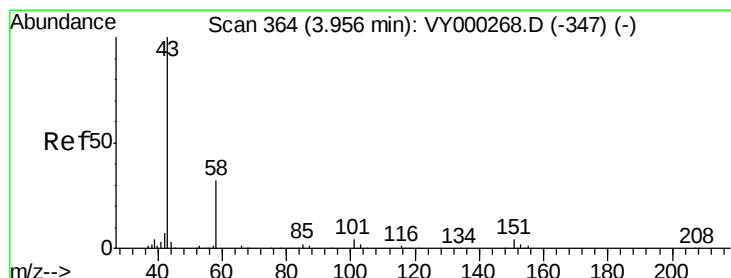
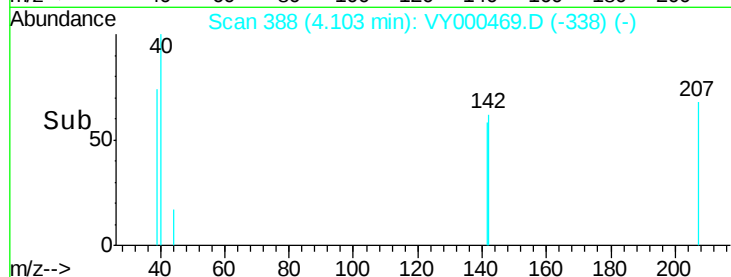
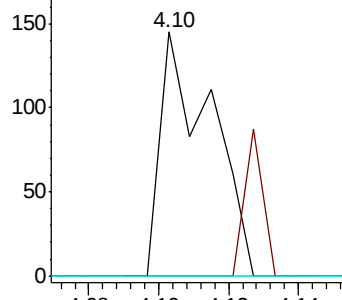
#10
Methvl Iodide
Concen: 1.235 ug/l
RT: 4.10 min Scan# 388
Delta R.T. 0.01 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:142 Resp: 146
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

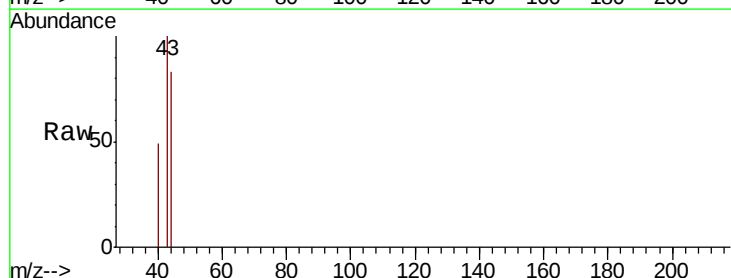


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

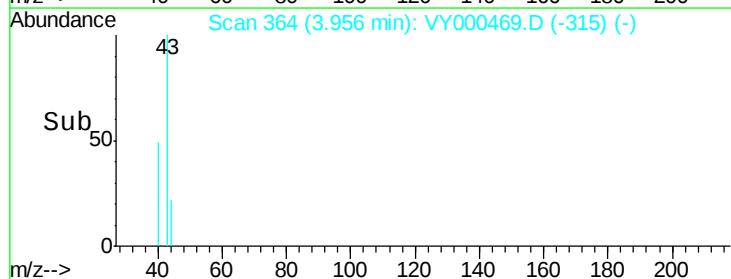
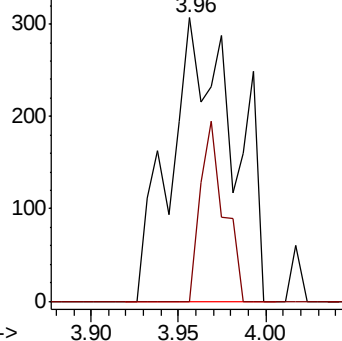


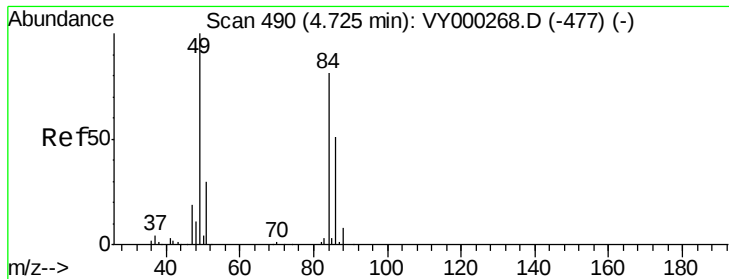
#16
Acetone
Concen: 1.150 ug/l
RT: 3.96 min Scan# 364
Delta R.T. 0.00 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

Tgt Ion: 43 Resp: 780
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY000469.D

Acq: 29 Oct 2019 13:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion: 84 Resp: 979

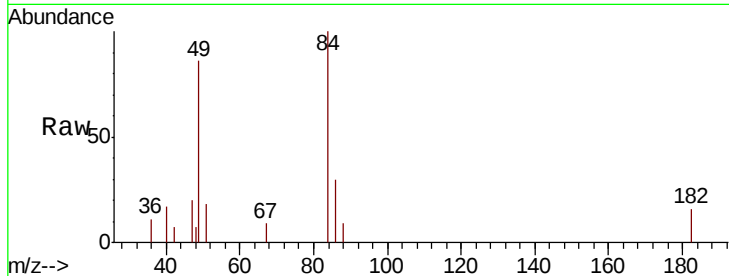
Ion Ratio Lower Upper

84 100

49 85.8 99.0 148.4#

51 17.5 29.3 43.9#

86 29.8 50.2 75.4#

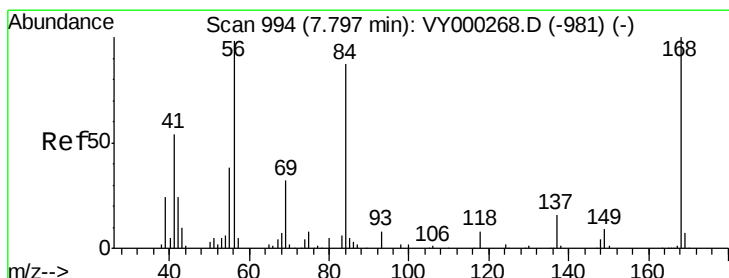
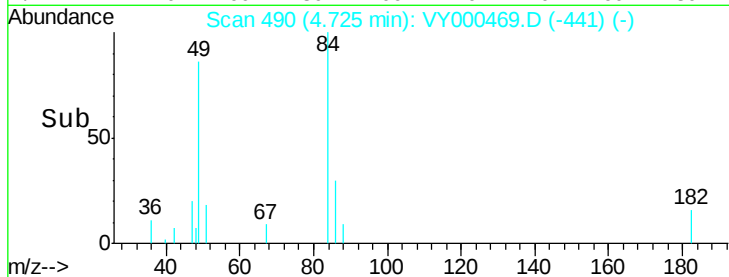
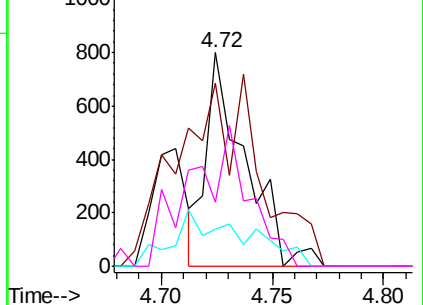


Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0



#31

Cyclohexane

Concen: 1.201 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000469.D

Acq: 29 Oct 2019 13:10

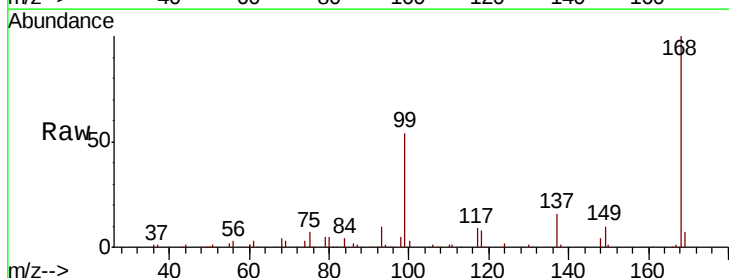
Tgt Ion: 56 Resp: 4815

Ion Ratio Lower Upper

56 100

69 118.3 26.3 39.5#

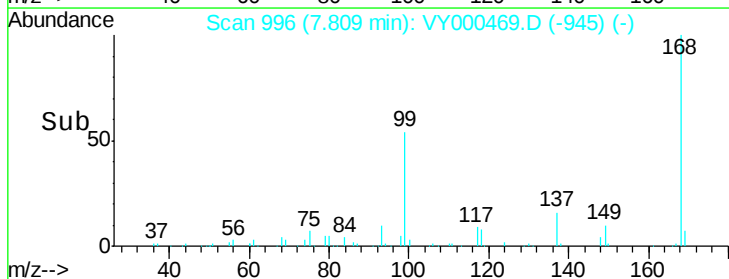
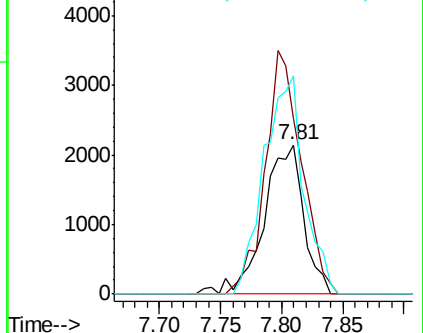
84 146.2 70.8 106.2#

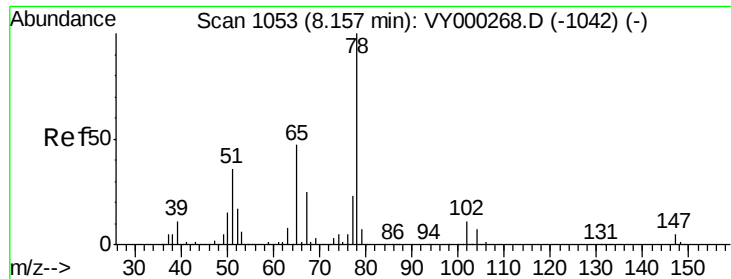


Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 69.00 (68.70 to 69.70): VY0

Ion 84.00 (83.70 to 84.70): VY0

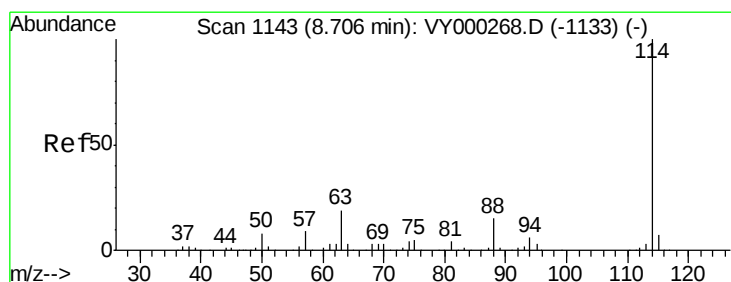
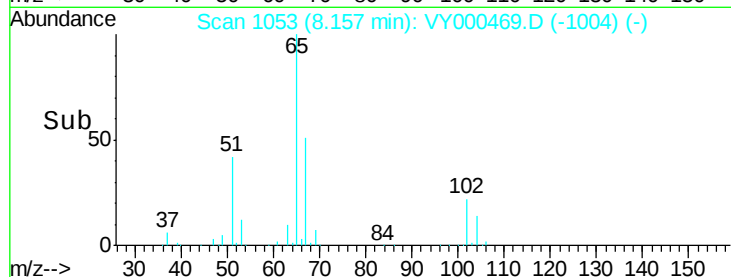
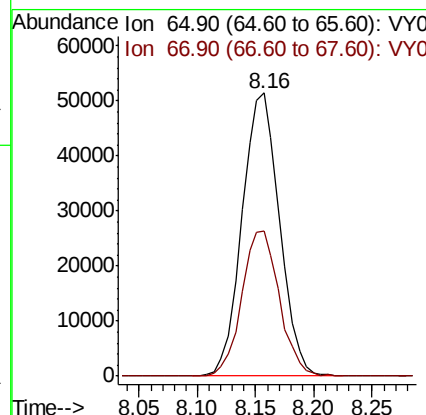
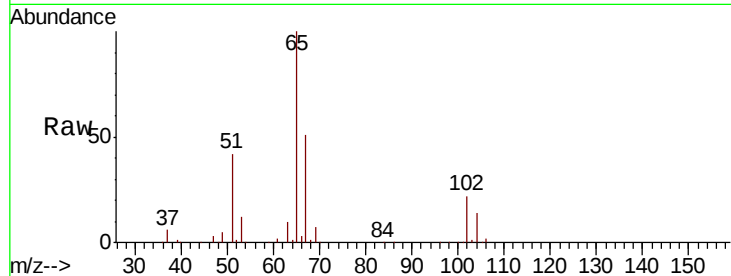




#33
 1,2-Dichloroethane-d4
 Concen: 54.773 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VY000469.D
 Acq: 29 Oct 2019 13:10

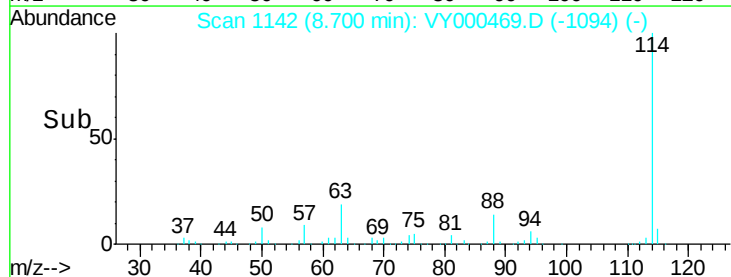
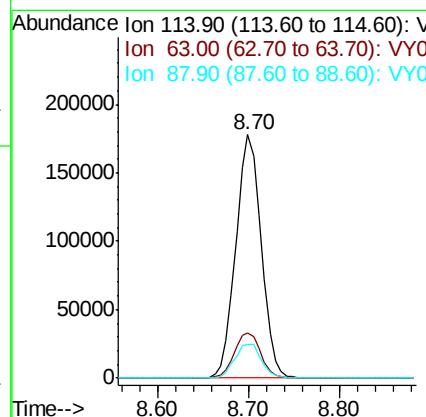
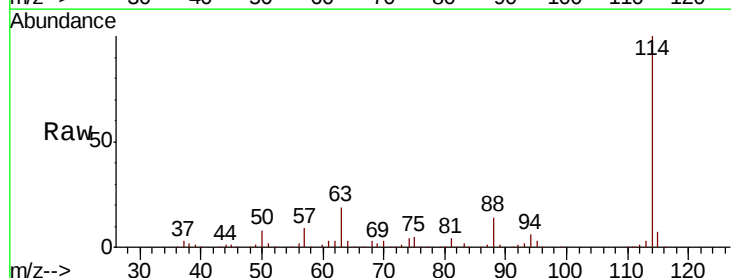
Instrument :
 MSVOA_Y
 ClientSampleId :

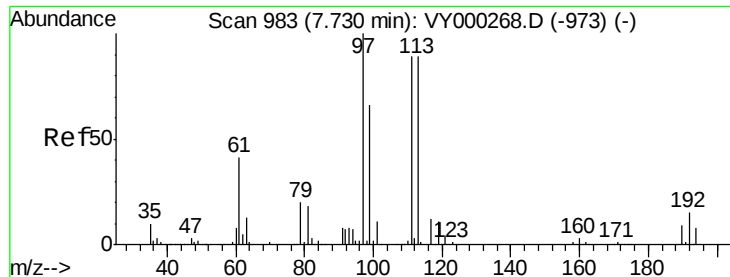
Tot Ion: 65 Resp: 114747
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000469.D
 Acq: 29 Oct 2019 13:10

Tgt Ion: 114 Resp: 346121
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 37.2
 88 13.8 0.0 30.2

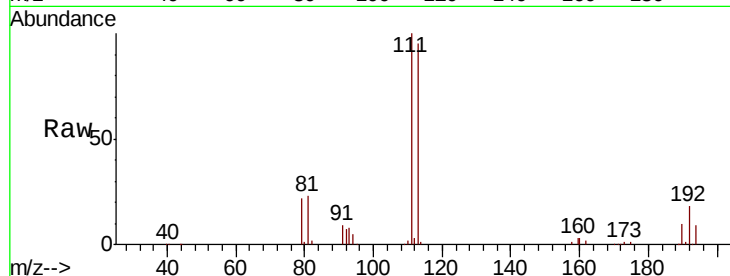




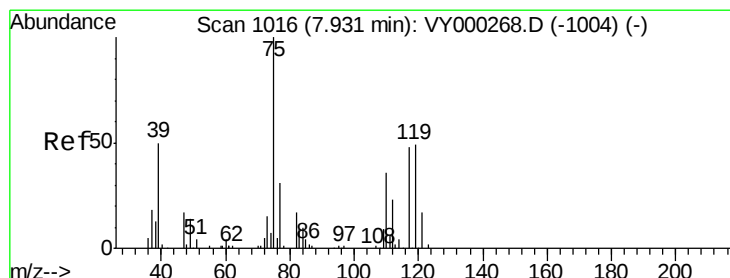
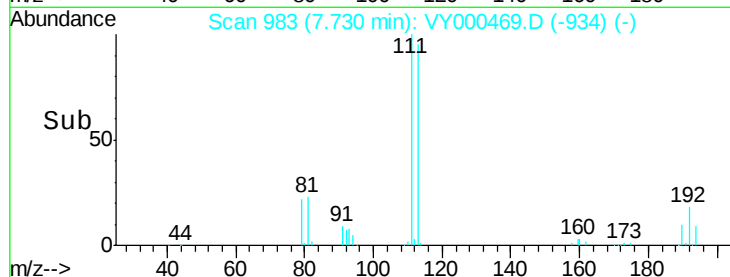
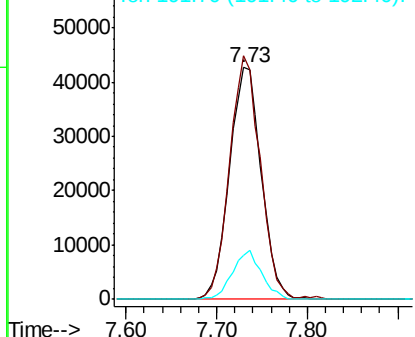
#35
 Dibromofluoromethane
 Concen: 49.696 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000469.D
 Acq: 29 Oct 2019 13:10

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:113 Resp: 103758
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.6 122.4
 192 19.3 15.3 22.9

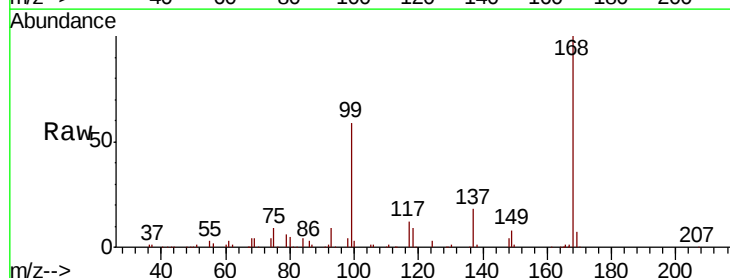


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

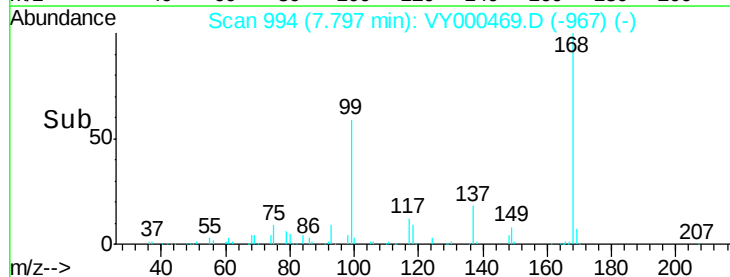
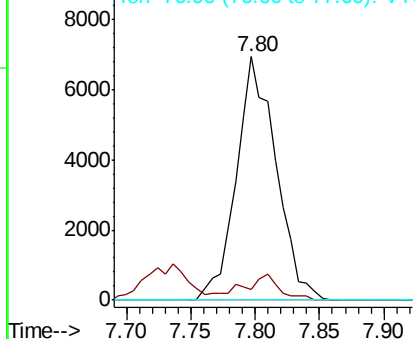


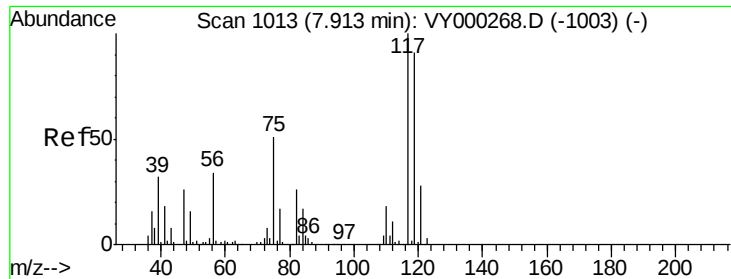
#36
 1,1-Dichloropropene
 Concen: 4.367 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000469.D
 Acq: 29 Oct 2019 13:10

Tgt Ion: 75 Resp: 14797
 Ion Ratio Lower Upper
 75 100
 110 9.6 18.4 55.4#
 77 0.0 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VY0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VY0

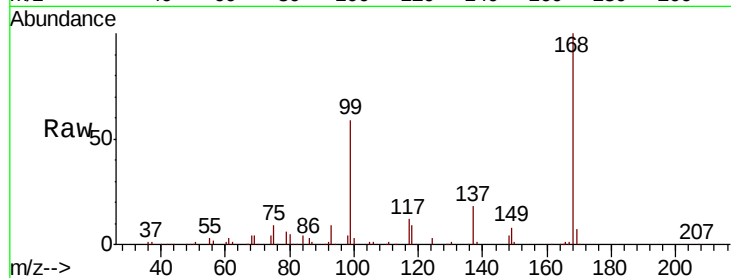




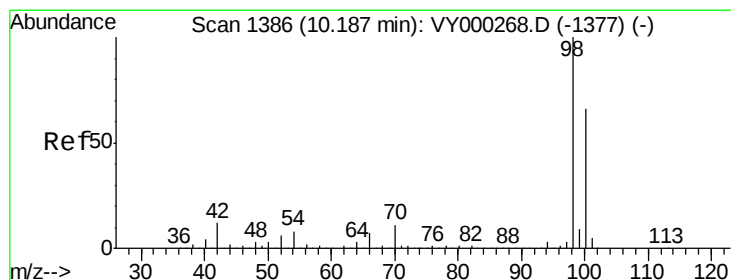
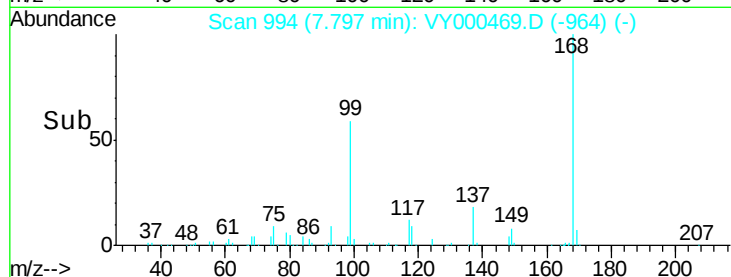
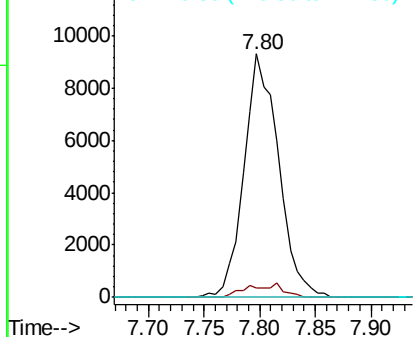
#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.80 min Scan# 994
Delta R.T. -0.12 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:117 Resp: 20142
Ion Ratio Lower Upper
117 100
119 3.9 72.8 109.2#
121 0.0 22.2 33.2#

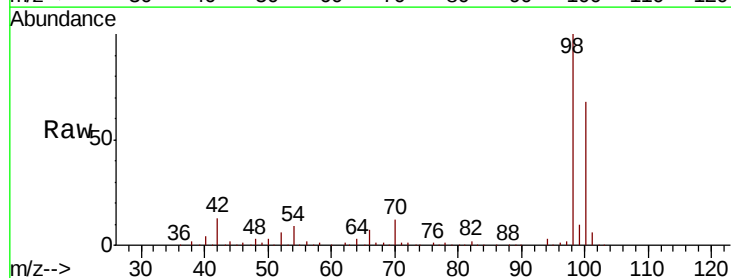


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

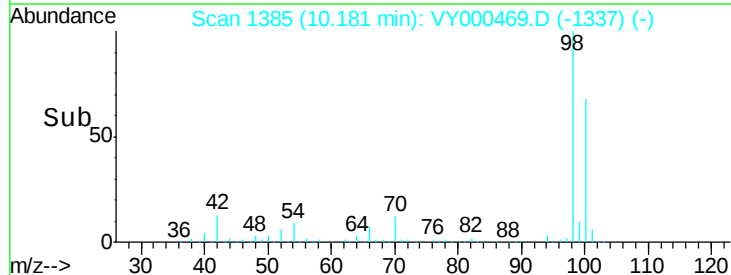
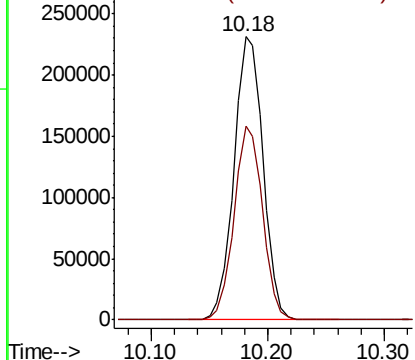


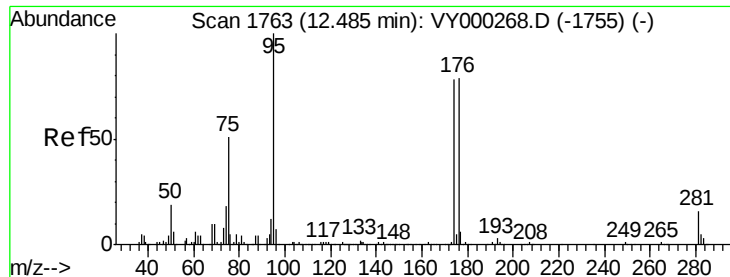
#50
Toluene-d8
Concen: 50.008 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

Tgt Ion: 98 Resp: 401629
Ion Ratio Lower Upper
98 100
100 67.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY

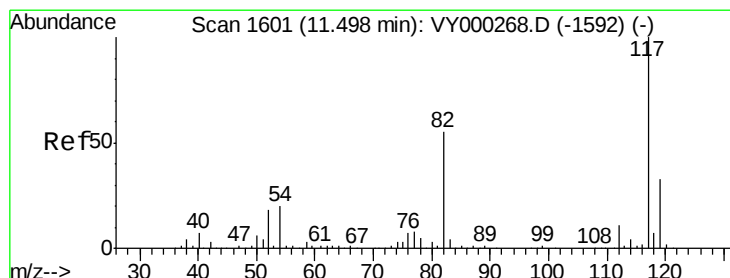
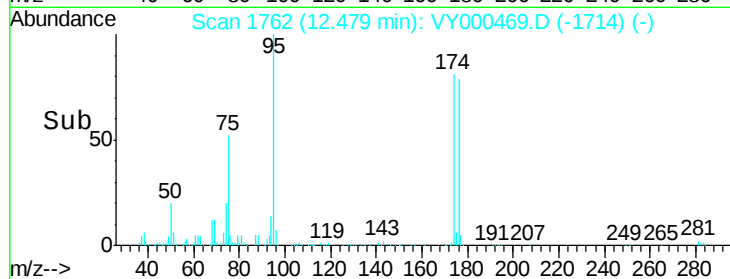
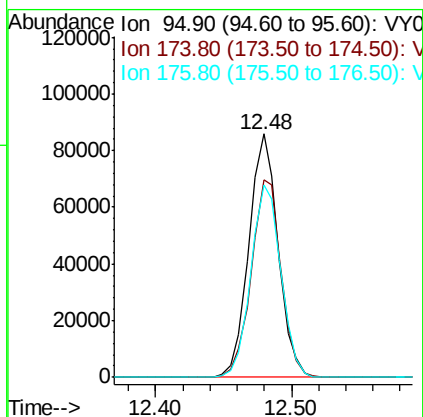
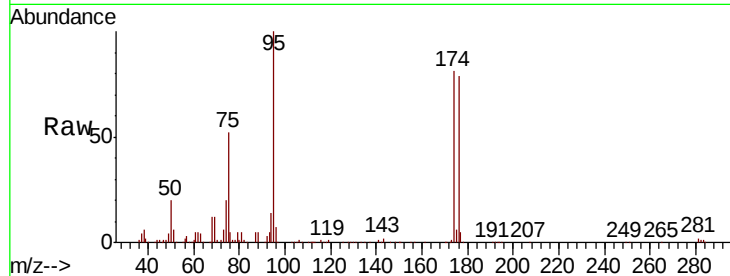




#62
4-Bromofluorobenzene
Concen: 42.348 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.01 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

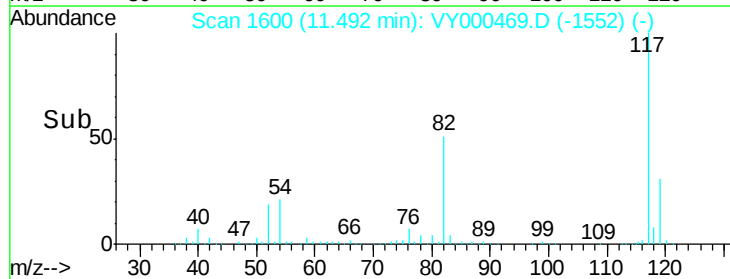
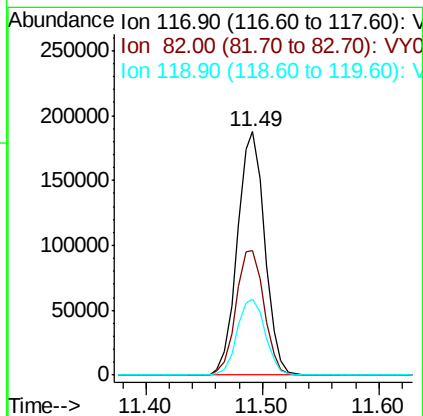
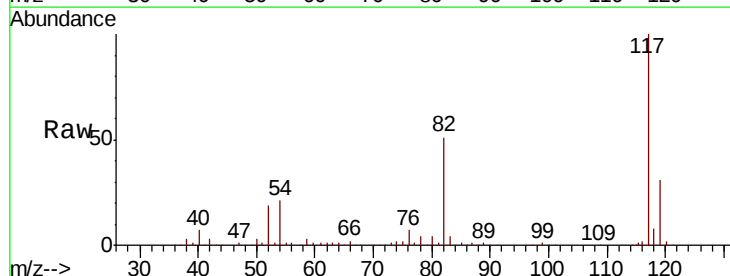
Instrument :
MSVOA_Y
ClientSampled :

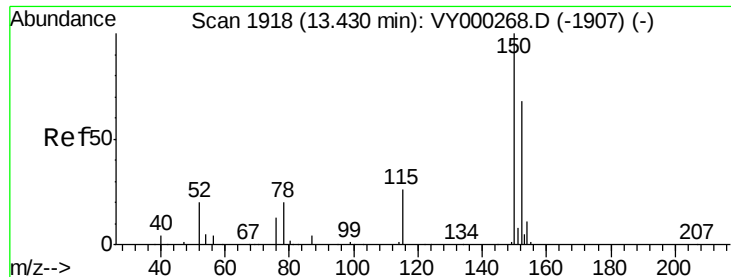
Tot Ion	95	Resp	129211
Ion Ratio	Lower	Upper	
95	100		
174	83.1	0.0	159.6
176	81.4	0.0	153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

Tgt Ion	117	Resp	307322
Ion Ratio	Lower	Upper	
117	100		
82	51.2	43.7	65.5
119	31.3	26.6	39.8



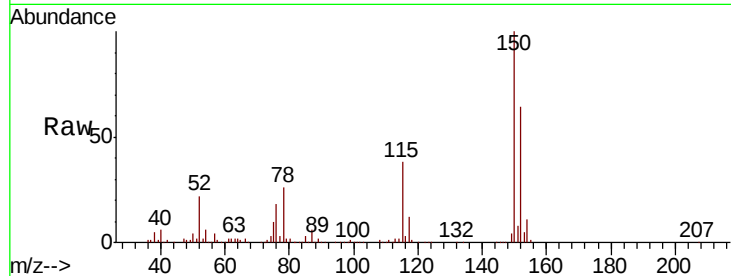


#72

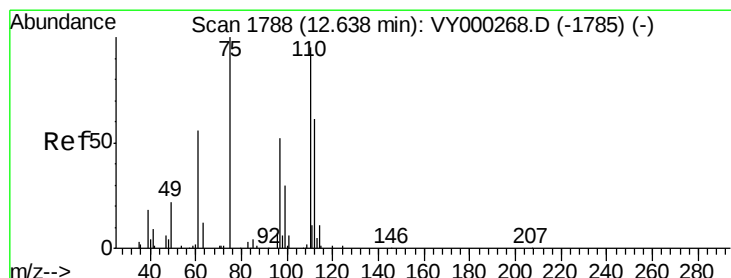
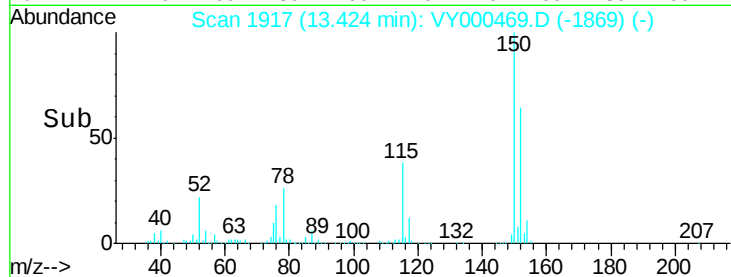
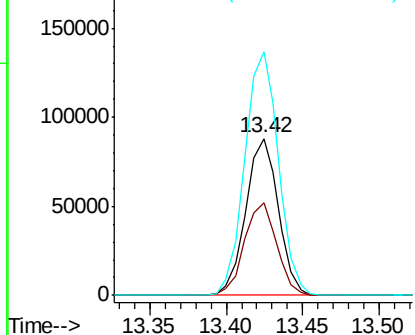
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.0	29.3	88.0
150	160.0	0.0	348.4



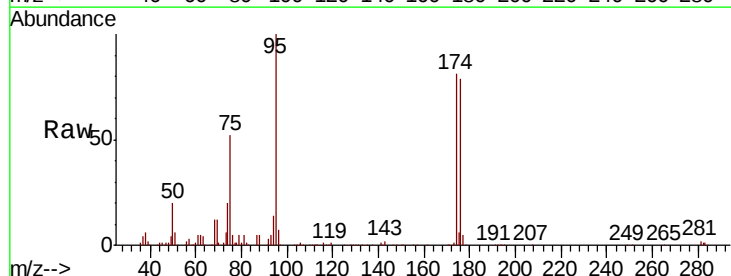
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



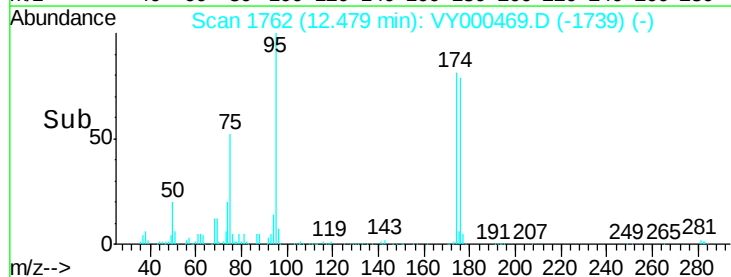
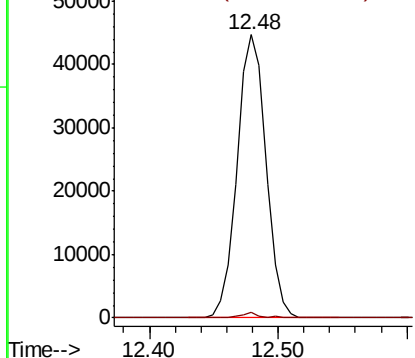
#76

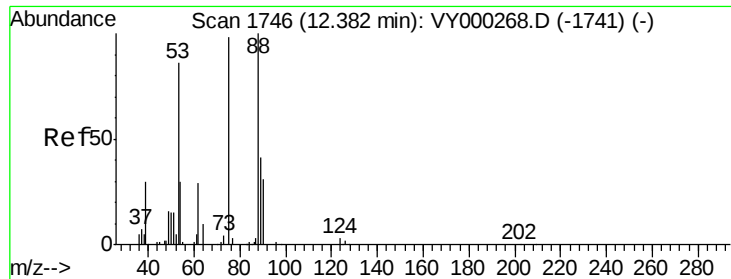
1,2,3-Trichloropropane
Concen: 43.217 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000469.D
Acq: 29 Oct 2019 13:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.558 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.10 min
 Lab File: VY000469.D
 Acq: 29 Oct 2019 13:10

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 69318
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.1 35.1 52.7#

